

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2: (cancelled).

3 (currently amended): In a A method of producing a material for an aperture grille for use in a color picture tube, comprising providing a low carbon steel; ~~sheet containing 9 to 30 wt% of Ni; cold-rolling the low carbon steel sheet; at a reduction rate of not more than 60% and annealing the low carbon sheet; at a temperature of 400 to 500°C~~

the improvement wherein said low carbon steel consists of, in addition to usual components for low carbon steel, 9 to 30 wt% of Ni, said cold-rolling is at a reduction rate of not less than 60%, and said annealing is at a temperature of 400 to 500°C.

4 (currently amended): A method of producing a material for an aperture grille for use in a color picture tube, comprising providing a low carbon steel sheet consisting of Fe, C, wherein said C is present in an amount no greater than 0.01 wt%, up to 0.5 wt% Mn, up to 0.3 wt% Si, up to 0.01 wt% S and N, ~~containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co;~~

\_\_\_\_\_ cold-rolling the low carbon steel sheet at a reduction rate of not less than 60%; and  
\_\_\_\_\_ annealing the low carbon steel sheet at a temperature of 400 to 500°C.

5 (currently amended): A method of producing a material for an aperture grille for use in a color picture tube, comprising

\_\_\_\_\_ providing a low carbon steel sheet containing 9 to 30 wt% of Ni[[,]] and being substantially free of tin;  
\_\_\_\_\_ annealing the low carbon steel sheet at a temperature of 500 to 800°C;  
\_\_\_\_\_ subjecting the low carbon steel sheet to cold-rolling at a reduction rate not less than 60%[[,]]; and  
\_\_\_\_\_ annealing the low carbon steel sheet at a temperature of 400 to 500°C.

6 (currently amended): A method of producing a material for an aperture grille for use in a color picture tube, comprising providing a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co, and being substantially free of tin;  
\_\_\_\_\_ annealing the low carbon steel sheet at a temperature of 500 to 800°C;

\_\_\_\_\_ cold-rolling the low carbon steel sheet at a reduction rate of not less than 60%[[, ]]; and \_\_\_\_\_ annealing the low carbon steel sheet at a temperature of 400 to 500°C.

7 (Previously presented): An aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni produced by the method of according to claim 5.

8 (Previously presented): An aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co produced by the method according to claim 6.

9 (Previously presented): A color picture tube incorporating an aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni produced according to the method of claim 3.

10 (Previously presented): A color picture tube incorporating an aperture grille for use in a color cathode ray tube, which aperture grille is made of a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co produced according to the method of claim 4.